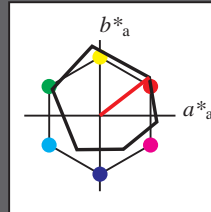


Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18 für Buntton $h^* = lab^*h = 38/360 = 0.105$ lab^*ch und lab^*nch

D50: Buntton O
 LCH*Ma: 48 83 38
 olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 93$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	95.41	-0.98	47.5	0.0
LAB*LABa	95.41	0.0	0.0	0.0
LAB*TCHa	99.99	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	1.0	0.75	0.75	1.0
cmv3*	0.0	0.25	0.25	0.0
ohv4*	1.0	0.75	0.75	1.0
cmv4*	0.0	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	83.54	15.58	16.58	0.0
LAB*LABa	83.54	16.34	12.63	0.0
LAB*TCHa	87.5	20.65	37.69	0.0

relative Inform. Technology (IT)

ohv3*	1.0	0.5	0.5	1.0
cmv3*	0.0	0.5	0.5	0.0
ohv4*	1.0	0.5	0.5	1.0
cmv4*	0.0	0.5	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	71.67	32.69	28.25	0.0
LAB*LABa	71.67	32.69	28.25	0.0
LAB*TCHa	75.0	41.31	37.69	0.0

relative Inform. Technology (IT)

ohv3*	1.0	0.25	0.25	1.0
cmv3*	0.0	0.75	0.75	0.0
ohv4*	1.0	0.25	0.25	1.0
cmv4*	0.0	0.75	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	59.8	48.73	40.24	0.0
LAB*LABa	59.8	49.03	37.88	0.0
LAB*TCHa	59.8	49.03	37.88	0.0

relative Inform. Technology (IT)

ohv3*	1.0	0.0	0.0	1.0
cmv3*	0.0	1.0	1.0	0.0
ohv4*	1.0	0.0	0.0	1.0
cmv4*	0.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	49.46	49.46	38.93	0.0
LAB*LABa	49.46	49.46	38.93	0.0
LAB*TCHa	50.0	82.61	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	1.0
cmv3*	0.0	0.25	0.25	0.0
ohv4*	1.0	0.75	0.75	1.0
cmv4*	0.0	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	76.06	-0.61	3.44	0.0
LAB*LABa	76.06	0.0	0.0	0.0
LAB*TCHa	75.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.5	0.5	1.0
cmv3*	0.0	0.5	0.5	0.0
ohv4*	1.0	0.75	0.75	1.0
cmv4*	0.0	0.25	0.25	0.0
standard and adapted CIELAB				
LAB*LAB	64.19	15.96	15.28	0.0
LAB*LABa	64.19	16.35	12.63	0.0
LAB*TCHa	62.5	20.66	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.25	0.25	1.0
cmv3*	0.0	0.75	0.75	0.0
ohv4*	1.0	0.25	0.25	1.0
cmv4*	0.0	0.75	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	52.33	32.53	27.11	0.0
LAB*LABa	52.33	32.69	25.26	0.0
LAB*TCHa	50.0	41.31	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.75	0.0	0.0	1.0
cmv3*	0.0	1.0	1.0	0.0
ohv4*	1.0	0.25	0.25	1.0
cmv4*	0.0	0.75	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	49.46	49.46	38.93	0.0
LAB*LABa	49.46	49.03	37.88	0.0
LAB*TCHa	50.0	82.61	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	1.0
cmv3*	0.0	0.5	0.5	0.0
ohv4*	1.0	0.5	0.5	1.0
cmv4*	0.0	0.5	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	47.94	65.3	52.06	0.0
LAB*LABa	47.94	65.37	50.51	0.0
LAB*TCHa	50.0	82.61	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	1.0
cmv3*	0.0	0.5	0.5	0.0
ohv4*	1.0	0.5	0.5	1.0
cmv4*	0.0	0.5	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	56.71	-0.24	2.14	0.0
LAB*LABa	56.71	0.0	0.0	0.0
LAB*TCHa	50.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.25	0.25	1.0
cmv3*	0.0	0.75	0.75	0.0
ohv4*	1.0	0.25	0.25	1.0
cmv4*	0.0	0.75	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	44.32	16.35	13.97	0.0
LAB*LABa	44.32	16.35	12.63	0.0
LAB*TCHa	50.0	20.66	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.5	0.0	0.0	1.0
cmv3*	0.0	1.0	1.0	0.0
ohv4*	1.0	0.25	0.25	1.0
cmv4*	0.0	0.75	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	40.46	49.46	38.93	0.0
LAB*LABa	40.46	49.03	37.88	0.0
LAB*TCHa	50.0	82.61	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	1.0
cmv3*	0.0	0.75	0.75	0.0
ohv4*	1.0	0.25	0.25	1.0
cmv4*	0.0	0.75	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	37.5	25.1	40.0	0.0
LAB*LABa	37.5	25.1	40.0	0.0
LAB*TCHa	50.0	20.66	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	1.0
cmv3*	0.0	0.75	0.75	0.0
ohv4*	1.0	0.25	0.25	1.0
cmv4*	0.0	0.75	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	36.48	19.22	16.14	0.0
LAB*LABa	36.48	19.22	16.14	0.0
LAB*TCHa	50.0	20.66	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	1.0
cmv3*	0.0	0.75	0.75	0.0
ohv4*	1.0	0.25	0.25	1.0
cmv4*	0.0	0.75	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	37.5	25.1	40.0	0.0
LAB*LABa	37.5	25.1	40.0	0.0
LAB*TCHa	50.0	20.66	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.0	1.0
cmv3*	0.0	1.0	1.0	0.0
ohv4*	1.0	0.25	0.25	1.0
cmv4*	0.0	0.75	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	32.98	32.5	25.8	0.0
LAB*LABa	32.98	32.5	25.8	0.0
LAB*TCHa	50.0	20.66	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.0	1.0
cmv3*	0.0	1.0	1.0	0.0
ohv4*	1.0	0.0	0.0	1.0
cmv4*	0.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	32.98	32.5	25.8	0.0
LAB*LABa	32.98	32.5	25.8	0.0
LAB*TCHa	50.0	20.66	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.0	1.0
cmv3*	0.0	1.0	1.0	0.0
ohv4*	1.0	0.0	0.0	1.0
cmv4*	0.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	32.98	32.5	25.8	0.0
LAB*LABa	32.98	32.5	25.8	0.0
LAB*TCHa	50.0	20.66	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.25	0.0	0.0	1.0
cmv3*	0.0	1.0	1.0	0.0
ohv4*	1.0	0.0	0.0	1.0
cmv4*	0.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	32.98	32.5	25.8	0.0
LAB*LABa	32.98	32.5	25.8	0.0
LAB*TCHa	50.0	20.66	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	1.0
cmv3*	1.0	1.0	1.0	0.0
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.47	0.0
LAB*LABa	18.02	0.0	0.0	0.0
LAB*TCHa	0.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.25	0.25	1.0
cmv3*	0.0	0.75	0.75	0.0
ohv4*	1.0	0.25	0.25	1.0
cmv4*	0.0	0.75	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	25.5	16.34	12.62	0.0
LAB*LABa	25.5	16.34	12.62	0.0
LAB*TCHa	25.5	20.66	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	1.0
cmv3*	1.0	1.0	1.0	0.0
ohv4*	1.0	0.0	0.0	1.0
cmv4*	0.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.47	0.0
LAB*LABa	18.02	0.0	0.0	0.0
LAB*TCHa	0.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	1.0
cmv3*	1.0	1.0	1.0	0.0
ohv4*	1.0	0.0	0.0	1.0
cmv4*	0.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.47	0.0
LAB*LABa	18.02	0.0	0.0	0.0
LAB*TCHa	0.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	1.0
cmv3*	1.0	1.0	1.0	0.0
ohv4*	1.0	0.0	0.0	1.0
cmv4*	0.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.47	0.0
LAB*LABa	18.02	0.0	0.0	0.0
LAB*TCHa	0.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	1.0
cmv3*	1.0	1.0	1.0	0.0
ohv4*	1.0	0.0	0.0	1.0
cmv4*	0.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.47	0.0
LAB*LABa	18.02	0.0	0.0	0.0
LAB*TCHa	0.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.25	0.25	1.0
cmv3*	0.0	0.75	0.75	0.0
ohv4*	1.0	0.25	0.25	1.0
cmv4*	0.0	0.75	0.75	0.0
standard and adapted CIELAB				
LAB*LAB	25.5	16.34	12.62	0.0
LAB*LABa	25.5	16.34	12.62	0.0
LAB*TCHa	25.5	20.66	37.69	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	1.0
cmv3*	1.0	1.0	1.0	0.0
ohv4*	1.0	0.0	0.0	1.0
cmv4*	0.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.47	0.0
LAB*LABa	18.02	0.0	0.0	0.0
LAB*TCHa	0.0	0.01	0.0	0.0

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	1.0
cmv3*	1.0	1.0	1.0	0.0
ohv4*	1.0	0.0	0.0	1.0
cmv4*	0.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.47	0.0
LAB*LABa	18.02	0.0	0.0	0.0
LAB*TCHa	0.0	0.01	0.0	0.0

relative Inform. Technology (IT)

oh

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 96/360 = 0.268$

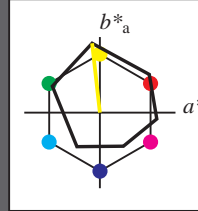
lab^*ch und lab^*nch

D50: Buntton Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
ohv4*	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	94.14	-2.56	22.93
LAB*LAB	95.41	-0.98	47.5
LAB*LAB	99.99	0.01	0.0

relative Inform. Technology (IT)

ohv3*	1.0	1.0	0.75	(1.0)
cmv3*	0.0	0.0	0.25	(0.0)
ohv4*	1.0	1.0	0.75	1.0
cmv4*	0.0	0.0	0.25	0.0

standard and adapted CIELAB

LAB*LAB	94.14	-2.56	22.93
LAB*LAB	95.41	-0.98	47.5
LAB*LAB	99.99	0.01	0.0

relative Inform. Technology (IT)

ohv3*	1.0	1.0	0.5	(1.0)
cmv3*	0.0	0.0	0.5	(0.0)
ohv4*	1.0	1.0	0.5	1.0
cmv4*	0.0	0.0	0.5	0.0

standard and adapted CIELAB

LAB*LAB	92.88	-6.06	50.46
LAB*LAB	92.88	-5.12	45.87
LAB*LAB	75.0	46.15	96.38

relative Inform. Technology (IT)

ohv3*	1.0	1.0	0.25	(1.0)
cmv3*	0.0	0.0	0.75	(0.0)
ohv4*	1.0	1.0	0.25	1.0
cmv4*	0.0	0.0	0.75	0.0

standard and adapted CIELAB

LAB*LAB	91.62	-8.61	73.31
LAB*LAB	91.62	-7.69	68.8
LAB*LAB	62.5	69.23	96.38

relative Inform. Technology (IT)

ohv3*	1.0	1.0	0.0	(1.0)
cmv3*	0.0	0.0	1.0	(0.0)
ohv4*	1.0	1.0	0.0	1.0
cmv4*	0.0	0.0	1.0	0.0

standard and adapted CIELAB

LAB*LAB	91.62	-8.61	73.31
LAB*LAB	91.62	-7.69	68.8
LAB*LAB	62.5	69.23	96.38

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	1.0	0.5	1.0
cmv4*	0.0	0.0	0.5	0.0

standard and adapted CIELAB

LAB*LAB	90.36	-11.15	96.15
LAB*LAB	90.36	-10.25	91.73
LAB*LAB	50.0	92.3	96.38

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	0.25	1.0
cmv4*	0.0	0.0	0.25	0.0

standard and adapted CIELAB

LAB*LAB	89.36	-13.25	106.15
LAB*LAB	89.36	-12.35	101.73
LAB*LAB	50.0	92.3	96.38

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.0	(1.0)
cmv3*	0.5	0.5	0.0	(0.0)
ohv4*	1.0	1.0	0.5	1.0
cmv4*	0.0	0.0	0.5	0.0

standard and adapted CIELAB

LAB*LAB	89.36	-11.15	96.15
LAB*LAB	89.36	-10.25	91.73
LAB*LAB	50.0	92.3	96.38

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.0	(1.0)
cmv3*	0.75	0.75	0.0	(0.0)
ohv4*	1.0	1.0	0.25	1.0
cmv4*	0.0	0.0	0.25	0.0

standard and adapted CIELAB

LAB*LAB	88.36	-13.25	106.15
LAB*LAB	88.36	-12.35	101.73
LAB*LAB	50.0	92.3	96.38

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.5	(1.0)
cmv3*	0.75	0.75	0.5	(0.0)
ohv4*	1.0	1.0	0.5	1.0
cmv4*	0.0	0.0	0.5	0.0

standard and adapted CIELAB

LAB*LAB	87.36	-15.35	116.15
LAB*LAB	87.36	-14.45	111.73
LAB*LAB	50.0	92.3	96.38

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
ohv4*	1.0	1.0	0.25	1.0
cmv4*	0.0	0.0	0.25	0.0

standard and adapted CIELAB

LAB*LAB	87.36	-17.45	126.15
LAB*LAB	87.36	-16.55	121.73
LAB*LAB	50.0	92.3	96.38

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.25	(1.0)
cmv3*	0.5	0.5	0.25	(0.0)
ohv4*	1.0	1.0	0.5	1.0
cmv4*	0.0	0.0	0.5	0.0

standard and adapted CIELAB

LAB*LAB	86.36	-19.55	136.15
LAB*LAB	86.36	-18.65	131.73
LAB*LAB	50.0	92.3	96.38

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.0	(1.0)
cmv3*	0.75	0.75	0.0	(0.0)
ohv4*	1.0	1.0	0.25	1.0
cmv4*	0.0	0.0	0.25	0.0

standard and adapted CIELAB

LAB*LAB	85.36	-21.65	146.15
LAB*LAB	85.36	-20.75	141.73
LAB*LAB	50.0	92.3	96.38

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.0	(1.0)
cmv3*	0.5	0.5	0.0	(0.0)
ohv4*	1.0	1.0	0.5	1.0
cmv4*	0.0	0.0	0.5	0.0

standard and adapted CIELAB

LAB*LAB	84.36	-23.75	156.15
LAB*LAB	84.36	-22.85	151.73
LAB*LAB	50.0	92.3	96.38

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.5	(1.0)
cmv3*	0.75	0.75	0.5	(0.0)
ohv4*	1.0	1.0	0.25	1.0
cmv4*	0.0	0.0	0.25	0.0

standard and adapted CIELAB

LAB*LAB	83.36	-25.85	166.15
LAB*LAB	83.36	-24.95	161.73
LAB*LAB	50.0	92.3	96.38

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	1.0	0.5	1.0
cmv4*	0.0	0.0	0.5	0.0

standard and adapted CIELAB

LAB*LAB	82.36	-27.95	176.15
LAB*LAB	82.36	-27.05	171.73
LAB*LAB	50.0	92.3	96.38

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.0	(1.0)
cmv3*	0.75	0.75	0.0	(0.0)
ohv4*	1.0	1.0	0.25	1.0
cmv4*	0.0	0.0	0.25	0.0

standard and adapted CIELAB

LAB*LAB	81.36	-30.05	186.15
LAB*LAB	81.36	-29.15	181.73
LAB*LAB	50.0	92.3	96.38

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.25	(1.0)
cmv3*	0.5	0.5	0.25	(0.0)
ohv4*	1.0	1.0	0.5	1.0
cmv4*	0.0	0.0	0.5	0.0

standard and adapted CIELAB

LAB*LAB	80.36	-32.15	196.15
LAB*LAB	80.36	-31.25	191.73
LAB*LAB	50.0	92.3	96.38

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.5	(1.0)
cmv3*	0.75	0.75	0.5	(0.0)
ohv4*	1.0	1.0	0.25	1.0
cmv4*	0.0	0.0	0.25	0.0

standard and adapted CIELAB

LAB*LAB	79.36	-34.25	206.15
LAB*LAB	79.36	-33.35	201.73
LAB*LAB	50.0	92.3	96.38

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(1.0)
cmv3*	0.5	0.5	0.5	(0.0)
ohv4*	1.0	1.0	0.5	1.0
cmv4*	0.0	0.0	0.5	0.0

standard and adapted CIELAB

LAB*LAB	78.36	-36.35	216.15
LAB*LAB	78.36	-35.45	211.73
LAB*LAB	50.0	92.3	96.38

OG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

5 stufige Reihen für konstanten CIELAB Buntton 103/360 = 0.286 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & TLS00 input: $cmv0^* setcmykcolor$
 D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: $cmv0^* / 000n^* setcmykcolor$

Siehe ähnliche Dateien: <http://www.ps.bam.de/QG50/>
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=0.0, CIELAB

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.419$

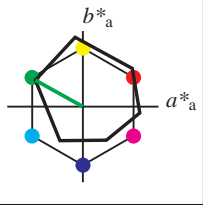
lab^*ch und lab^*nch

D50: Buntton L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

ohv1*	1.0	1.0	1.0	(1.0)
ohv2*	0.0	0.0	0.0	(0.0)
ohv3*	1.0	1.0	1.0	1.0
ohv4*	0.0	0.0	0.0	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.98	47.5
LAB*LAB	95.41	0.0	0.0
LAB*LAB	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv1*	0.75	1.0	0.75	(1.0)
ohv2*	0.25	0.0	0.25	(0.0)
ohv3*	0.75	1.0	0.75	1.0
ohv4*	0.25	0.0	0.25	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.25	0.0	0.25	0.0

standard and adapted CIELAB

LAB*LAB	84.28	-16.47	12.74
LAB*LAB	84.28	-15.69	8.74
LAB*LAB	87.5	17.97	15.91

relative CIELAB lab*

lab*lab	0.856	-0.217	0.121
lab*ch	0.875	0.25	0.419
lab*nch	0.0	0.25	0.419

relative Inform. Technology (IT)

ohv1*	0.5	1.0	0.5	(1.0)
ohv2*	0.5	0.0	0.5	(0.0)
ohv3*	0.5	1.0	0.5	1.0
ohv4*	0.5	0.0	0.5	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.5	0.0	0.5	0.0

standard and adapted CIELAB

LAB*LAB	73.15	-31.4	17.48
LAB*LAB	73.15	-31.4	17.48
LAB*LAB	75.0	35.95	15.91

relative CIELAB lab*

lab*lab	0.712	-0.436	0.243
lab*ch	0.75	0.5	0.419
lab*nch	0.0	0.5	0.419

relative Inform. Technology (IT)

ohv1*	0.25	1.0	0.25	(1.0)
ohv2*	0.75	0.0	0.75	(0.0)
ohv3*	0.25	1.0	0.25	1.0
ohv4*	0.75	0.0	0.75	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.25	0.0	0.25	0.0

standard and adapted CIELAB

LAB*LAB	62.02	-47.46	28.72
LAB*LAB	62.02	-47.11	26.21
LAB*LAB	65.5	53.92	15.91

relative CIELAB lab*

lab*lab	0.569	-0.654	0.365
lab*ch	0.625	0.75	0.419
lab*nch	0.0	0.75	0.419

relative Inform. Technology (IT)

ohv1*	0.0	1.0	0.0	(1.0)
ohv2*	0.625	0.75	0.419	(0.0)
ohv3*	0.0	1.0	0.0	1.0
ohv4*	0.625	0.75	0.419	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.0	0.75	0.419	0.0

standard and adapted CIELAB

LAB*LAB	50.9	-62.95	36.7
LAB*LAB	50.9	-62.81	34.95
LAB*LAB	50.0	71.89	15.91

relative CIELAB lab*

lab*lab	0.425	-0.873	0.486
lab*ch	0.5	1.0	0.419
lab*nch	0.0	1.0	0.419

relative Inform. Technology (IT)

ohv1*	0.0	0.5	0.5	(0.0)
ohv2*	0.5	0.5	0.5	(0.0)
ohv3*	0.0	1.0	0.0	1.0
ohv4*	0.5	0.5	0.5	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.0	0.5	0.5	0.0

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	50.0	71.89	15.91

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ch	0.5	0.5	0.0
lab*nch	0.0	0.5	0.0

relative Inform. Technology (IT)

ohv1*	0.0	0.25	0.25	(1.0)
ohv2*	0.75	0.25	0.25	(0.0)
ohv3*	0.0	1.0	0.0	1.0
ohv4*	0.25	0.25	0.25	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.0	0.25	0.25	0.0

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	50.0	71.89	15.91

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ch	0.25	0.25	0.0
lab*nch	0.0	0.25	0.0

relative Inform. Technology (IT)

ohv1*	0.0	0.125	0.125	(1.0)
ohv2*	0.875	0.125	0.125	(0.0)
ohv3*	0.0	1.0	0.0	1.0
ohv4*	0.125	0.125	0.125	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.0	0.125	0.125	0.0

standard and adapted CIELAB

LAB*LAB	68.61	-20.68	19.98
LAB*LAB	68.61	-20.68	19.98
LAB*LAB	62.5	58.26	13.601

relative CIELAB lab*

lab*lab	0.928	-0.359	0.347
lab*ch	0.75	0.5	0.378
lab*nch	0.0	0.5	0.378

relative Inform. Technology (IT)

ohv1*	0.25	0.75	0.25	(1.0)
ohv2*	0.75	0.25	0.75	(0.0)
ohv3*	0.25	1.0	0.25	1.0
ohv4*	0.75	0.25	0.75	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.25	0.75	0.25	0.0

standard and adapted CIELAB

LAB*LAB	66.57	-41.37	39.95
LAB*LAB	66.57	-41.37	39.95
LAB*LAB	50.0	71.89	15.91

relative CIELAB lab*

lab*lab	0.657	-0.538	0.521
lab*ch	0.625	0.75	0.378
lab*nch	0.0	0.75	0.378

relative Inform. Technology (IT)

ohv1*	0.0	0.125	0.125	(1.0)
ohv2*	0.875	0.125	0.125	(0.0)
ohv3*	0.0	1.0	0.0	1.0
ohv4*	0.125	0.125	0.125	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.0	0.125	0.125	0.0

standard and adapted CIELAB

LAB*LAB	66.57	-41.37	39.95
LAB*LAB	66.57	-41.37	39.95
LAB*LAB	50.0	71.89	15.91

relative CIELAB lab*

lab*lab	0.657	-0.538	0.521
lab*ch	0.625	0.75	0.378
lab*nch	0.0	0.75	0.378

relative Inform. Technology (IT)

ohv1*	0.75	0.75	0.75	(1.0)
ohv2*	0.25	0.25	0.25	(0.0)
ohv3*	1.0	1.0	1.0	1.0
ohv4*	0.25	0.25	0.25	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LAB	76.06	0.0	0.0
LAB*LAB	75.0	0.01	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.75	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv1*	0.5	0.75	0.5	(1.0)
ohv2*	0.25	0.25	0.25	(0.0)
ohv3*	0.5	1.0	0.5	1.0
ohv4*	0.25	0.25	0.25	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.25	0.25	0.25	0.0

standard and adapted CIELAB

LAB*LAB	64.93	-16.1	11.44
LAB*LAB	64.93	-15.7	8.74
LAB*LAB	62.5	17.98	15.91

relative CIELAB lab*

lab*lab	0.696	-0.238	0.072
lab*ch	0.75	0.5	0.419
lab*nch	0.0	0.5	0.419

relative Inform. Technology (IT)

ohv1*	0.25	0.75	0.25	(1.0)
ohv2*	0.75	0.25	0.75	(0.0)
ohv3*	0.25	1.0	0.25	1.0
ohv4*	0.75	0.25	0.75	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.25	0.75	0.25	0.0

standard and adapted CIELAB

LAB*LAB	53.81	-31.6	19.43
LAB*LAB	53.81	-31.4	17.48
LAB*LAB	50.0	35.95	15.91

relative CIELAB lab*

lab*lab	0.462	-0.478	0.144
lab*ch	0.5	0.75	0.419
lab*nch	0.0	0.75	0.419

relative Inform. Technology (IT)

ohv1*	0.0	0.5	0.5	(1.0)
ohv2*	0.625	0.75	0.419	(0.0)
ohv3*	0.0	1.0	0.0	1.0
ohv4*	0.625	0.75	0.419	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.0	0.75	0.419	0.0

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	50.0	71.89	15.91

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ch	0.5	0.5	0.0
lab*nch	0.0	0.5	0.0

relative Inform. Technology (IT)

ohv1*	0.0	0.25	0.25	(1.0)
ohv2*	0.75	0.25	0.25	(0.0)
ohv3*	0.0	1.0	0.0	1.0
ohv4*	0.25	0.25	0.25	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.0	0.25	0.25	0.0

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	50.0	71.89	15.91

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ch	0.25	0.25	0.0
lab*nch	0.0	0.25	0.0

relative Inform. Technology (IT)

ohv1*	0.0	0.125	0.125	(1.0)
ohv2*	0.875	0.125	0.125	(0.0)
ohv3*	0.0	1.0	0.0	1.0
ohv4*	0.125	0.125	0.125	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.0	0.125	0.125	0.0

standard and adapted CIELAB

LAB*LAB	68.61	-20.68	19.98
LAB*LAB	68.61	-20.68	19.98
LAB*LAB	62.5	58.26	13.601

relative CIELAB lab*

lab*lab	0.928	-0.359	0.347
lab*ch	0.75	0.5	0.378
lab*nch	0.0	0.5	0.378

relative Inform. Technology (IT)

ohv1*	0.25	0.75	0.25	(1.0)
ohv2*	0.75	0.25	0.75	(0.0)
ohv3*	0.25	1.0	0.25	1.0
ohv4*	0.75	0.25	0.75	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.25	0.75	0.25	0.0

standard and adapted CIELAB

LAB*LAB	66.57	-41.37	39.95
LAB*LAB	66.57	-41.37	39.95
LAB*LAB	50.0	71.89	15.91

relative CIELAB lab*

lab*lab	0.657	-0.538	0.521
lab*ch	0.625	0.75	0.378
lab*nch	0.0	0.75	0.378

relative Inform. Technology (IT)

ohv1*	0.0	0.125	0.125	(1.0)
ohv2*	0.875	0.125	0.125	(0.0)
ohv3*	0.0	1.0	0.0	1.0
ohv4*	0.125	0.125	0.125	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.0	0.125	0.125	0.0

standard and adapted CIELAB

LAB*LAB	66.57	-41.37	39.95
LAB*LAB	66.57	-41.37	39.95
LAB*LAB	50.0	71.89	15.91

relative CIELAB lab*

lab*lab	0.657	-0.538	0.521
lab*ch	0.625	0.75	0.378
lab*nch	0.0	0.75	0.378

relative Inform. Technology (IT)

ohv1*	0.0	0.125	0.125	(1.0)
ohv2*	0.875	0.125	0.125	(0.0)
ohv3*	0.0	1.0	0.0	1.0
ohv4*	0.125	0.125	0.125	0.0
ohv5*	0.0	0.0	0.0	0.0
cmv3*	0.0	0.125	0.125	0.0

standard and adapted CIELAB

LAB*LAB	66.57	-41.37	39.95
LAB*LAB	66.57	-41.37	39.95
LAB*LAB	50.0	71.89	15.91

relative CIELAB lab*

lab*lab	0.657	-0.538	0.521
lab*ch	0.625	0.75	0.378
lab*nch	0.0	0.75	0.378

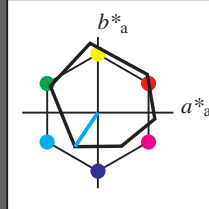
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 236/360 = 0.656$

lab^*ch und lab^*nch

D50: Buntton C
 LCH*Ma: 59 54 236
 olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

obv1*	1.0	1.0	1.0	(1.0)
obv2*	0.0	0.0	0.0	(0.0)
obv3*	1.0	1.0	1.0	(1.0)
obv4*	0.0	0.0	0.0	(0.0)
cmv1*	0.0	0.0	0.0	(0.0)
cmv2*	0.0	0.0	0.0	(0.0)
cmv3*	0.0	0.0	0.0	(0.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	95.41	-0.98	47.5
LAB*Lab	95.41	0.0	0.0
LAB*Cha	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	1.0	0.0
lab*nh	0.0	0.0	1.0
lab*nc	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lj	1.0	0.0	0.0
lab*lc	0.0	1.0	0.0
lab*nc	0.0	0.0	1.0

relative Inform. Technology (IT)

obv1*	0.75	1.0	1.0	(1.0)
obv2*	0.25	0.0	0.0	(0.0)
obv3*	0.75	1.0	1.0	(1.0)
obv4*	0.25	0.0	0.0	(0.0)
cmv1*	0.25	0.0	0.0	(0.0)
cmv2*	0.75	1.0	1.0	(1.0)
cmv3*	0.25	0.0	0.0	(0.0)
cmv4*	0.75	1.0	1.0	(1.0)

standard and adapted CIELAB

LAB*LAB	86.21	-8.39	-7.1
LAB*Lab	86.21	-7.57	-11.24
LAB*Cha	87.5	13.57	236.02

relative CIELAB lab*

lab*lab	0.881	-0.139	-0.206
lab*ch	0.875	0.25	0.656
lab*nh	0.0	0.25	0.656
lab*nc	0.0	0.0	0.25

relative Natural Colour (NC)

lab*lj	0.881	-0.123	-0.216
lab*lc	0.875	0.25	0.657
lab*nc	0.0	0.25	0.656

relative Inform. Technology (IT)

obv1*	0.5	1.0	1.0	(1.0)
obv2*	0.5	0.0	0.0	(0.0)
obv3*	0.5	1.0	1.0	(1.0)
obv4*	0.5	0.0	0.0	(0.0)
cmv1*	0.5	0.0	0.0	(0.0)
cmv2*	0.5	1.0	1.0	(1.0)
cmv3*	0.5	0.0	0.0	(0.0)
cmv4*	0.5	1.0	1.0	(1.0)

standard and adapted CIELAB

LAB*LAB	77.01	-15.8	-18.98
LAB*Lab	77.01	-15.16	-22.5
LAB*Cha	75.0	27.14	236.02

relative CIELAB lab*

lab*lab	0.762	-0.278	-0.414
lab*ch	0.75	0.5	0.656
lab*nh	0.0	0.5	0.656
lab*nc	0.0	0.0	0.5

relative Natural Colour (NC)

lab*lj	0.762	-0.247	-0.433
lab*lc	0.75	0.5	0.657
lab*nc	0.0	0.5	0.656

relative Inform. Technology (IT)

obv1*	0.25	1.0	1.0	(1.0)
obv2*	0.25	0.0	0.0	(0.0)
obv3*	0.25	1.0	1.0	(1.0)
obv4*	0.25	0.0	0.0	(0.0)
cmv1*	0.25	0.0	0.0	(0.0)
cmv2*	0.25	1.0	1.0	(1.0)
cmv3*	0.25	0.0	0.0	(0.0)
cmv4*	0.25	1.0	1.0	(1.0)

standard and adapted CIELAB

LAB*LAB	67.81	-23.21	-30.86
LAB*Lab	67.81	-22.75	-33.75
LAB*Cha	65.0	40.72	236.02

relative CIELAB lab*

lab*lab	0.642	-0.418	-0.621
lab*ch	0.625	0.75	0.656
lab*nh	0.0	0.75	0.656
lab*nc	0.0	0.0	0.75

relative Natural Colour (NC)

lab*lj	0.642	-0.371	-0.65
lab*lc	0.625	0.75	0.657
lab*nc	0.0	0.75	0.656

relative Inform. Technology (IT)

obv1*	0.0	1.0	1.0	(1.0)
obv2*	0.0	0.0	0.0	(0.0)
obv3*	0.0	1.0	1.0	(1.0)
obv4*	0.0	0.0	0.0	(0.0)
cmv1*	0.0	0.0	0.0	(0.0)
cmv2*	0.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
cmv4*	0.0	1.0	1.0	(1.0)

standard and adapted CIELAB

LAB*LAB	57.67	-15.43	-20.29
LAB*Lab	57.67	-15.16	-22.5
LAB*Cha	50.0	27.14	236.02

relative CIELAB lab*

lab*lab	0.512	-0.247	-0.433
lab*ch	0.512	0.25	0.656
lab*nh	0.0	0.25	0.656
lab*nc	0.0	0.0	0.25

relative Natural Colour (NC)

lab*lj	0.512	-0.247	-0.433
lab*lc	0.512	0.25	0.657
lab*nc	0.0	0.25	0.656

relative Inform. Technology (IT)

obv1*	0.0	0.5	1.0	(1.0)
obv2*	0.0	0.5	0.5	(0.5)
obv3*	0.0	0.5	1.0	(1.0)
obv4*	0.0	0.5	0.5	(0.5)
cmv1*	0.0	0.5	0.0	(0.5)
cmv2*	0.0	0.5	0.5	(0.5)
cmv3*	0.0	0.5	0.0	(0.5)
cmv4*	0.0	0.5	0.5	(0.5)

standard and adapted CIELAB

LAB*LAB	48.41	-22.83	-33.73
LAB*Lab	48.41	-22.75	-33.75
LAB*Cha	37.51	40.72	236.02

relative CIELAB lab*

lab*lab	0.394	-0.418	-0.621
lab*ch	0.375	0.75	0.656
lab*nh	0.0	0.75	0.656
lab*nc	0.0	0.0	0.75

relative Natural Colour (NC)

lab*lj	0.394	-0.371	-0.65
lab*lc	0.375	0.75	0.657
lab*nc	0.0	0.75	0.656

relative Inform. Technology (IT)

obv1*	0.0	0.25	0.5	(0.5)
obv2*	0.0	0.25	0.25	(0.25)
obv3*	0.0	0.25	0.5	(0.5)
obv4*	0.0	0.25	0.25	(0.25)
cmv1*	0.0	0.25	0.0	(0.25)
cmv2*	0.0	0.25	0.25	(0.25)
cmv3*	0.0	0.25	0.0	(0.25)
cmv4*	0.0	0.25	0.25	(0.25)

standard and adapted CIELAB

LAB*LAB	37.51	-15.43	-20.29
LAB*Lab	37.51	-15.16	-22.5
LAB*Cha	25.0	27.14	236.02

relative CIELAB lab*

lab*lab	0.262	-0.278	-0.414
lab*ch	0.25	0.5	0.656
lab*nh	0.0	0.5	0.656
lab*nc	0.0	0.0	0.5

relative Natural Colour (NC)

lab*lj	0.262	-0.247	-0.433
lab*lc	0.25	0.5	0.657
lab*nc	0.0	0.5	0.656

relative Inform. Technology (IT)

obv1*	0.0	0.0	0.5	(0.5)
obv2*	0.0	0.0	0.0	(0.0)
obv3*	0.0	0.0	0.5	(0.5)
obv4*	0.0	0.0	0.0	(0.0)
cmv1*	0.0	0.0	0.0	(0.0)
cmv2*	0.0	0.0	0.5	(0.5)
cmv3*	0.0	0.0	0.0	(0.0)
cmv4*	0.0	0.0	0.5	(0.5)

standard and adapted CIELAB

LAB*LAB	28.32	-15.05	-16.1
LAB*Lab	28.32	-15.16	-16.1
LAB*Cha	12.5	13.57	236.02

relative CIELAB lab*

lab*lab	0.131	-0.139	-0.206
lab*ch	0.125	0.25	0.656
lab*nh	0.0	0.25	0.656
lab*nc	0.0	0.0	0.25

relative Natural Colour (NC)

lab*lj	0.125	0.25	0.657
lab*lc	0.125	0.25	0.657
lab*nc	0.0	0.25	0.656

relative Inform. Technology (IT)

obv1*	0.0	0.0	0.0	(0.0)
obv2*	0.0	0.0	0.0	(0.0)
obv3*	0.0	0.0	0.0	(0.0)
obv4*	0.0	0.0	0.0	(0.0)
cmv1*	0.0	0.0	0.0	(0.0)
cmv2*	0.0	0.0	0.0	(0.0)
cmv3*	0.0	0.0	0.0	(0.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.0
LAB*Lab	18.02	0.0	0.0
LAB*Cha	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nh	0.0	0.0	0.0
lab*nc	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lj	0.0	0.0	0.0
lab*lc	0.0	0.0	0.0
lab*nc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv1*	0.0	0.0	0.0	(0.0)
obv2*	0.0	0.0	0.0	(0.0)
obv3*	0.0	0.0	0.0	(0.0)
obv4*	0.0	0.0	0.0	(0.0)
cmv1*	0.0	0.0	0.0	(0.0)
cmv2*	0.0	0.0	0.0	(0.0)
cmv3*	0.0	0.0	0.0	(0.0)
cmv4*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	0.0	0.0	0.0
LAB*Lab	0.0	0.0	0.0
LAB*Cha	0.0	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nh	0.0	0.0	0.0
lab*nc	0.0	0.0	0.0

relative Natural Colour (NC)

lab*lj	0.0	0.0	0.0
lab*lc	0.0	0.0	0.0
lab*nc	0.0	0.0	0.0

OG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)

5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.545 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & TLS00 input: $cmv0^* setcmykcolor$

D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: $cmv0^* / 000n^* setcmykcolor$

$n^* = 1.0$

0.25

0.50

0.75

1.00

$n^* = 1.0$

0.25

0.50

0.75

1.00

relative Buntheit c^*

relative Buntheit c^*

$n^* = 1.0$

0.25

0.50

0.75

1.00

$n^* = 1.0$

0.25

0.50

0.75

1.00

relative Buntheit c^*

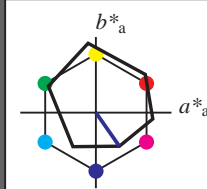
relative Buntheit c^*

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 305/360 = 0.847$
 lab^*ch und lab^*nch

D50: Buntton V
 LCH*Ma: 26 54 305
 olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
 ohv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 olv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 -0.98 47.5
 LAB*LAB 95.41 0.0 0.0
 LAB*TCHa 99.99 0.01 -

relative CIELAB lab*
 lab*lab 1.0 0.0 0.0
 lab*ch 1.0 0.0 0.0
 lab*nch 0.0 0.0 -
 relative Natural Colour (NC)
 lab*nrj 1.0 0.0 0.0
 lab*nce 1.0 0.0 0.0
 lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 olv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 -0.61 3.44
 LAB*LAB 76.06 0.0 0.0
 LAB*TCHa 75.00 0.01 -

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.25 0.0 -
 relative Natural Colour (NC)
 lab*nrj 0.75 0.0 0.0
 lab*nce 0.75 0.0 0.0
 lab*nce 0.25 0.0 -

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (0.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 olv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 -0.24 2.14
 LAB*LAB 56.71 0.0 0.0
 LAB*TCHa 50.00 0.01 -

relative CIELAB lab*
 lab*lab 0.5 0.0 0.0
 lab*ch 0.5 0.0 0.0
 lab*nch 0.5 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.5 0.0 0.0
 lab*nce 0.5 0.0 0.0
 lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.75 (0.0)
 olv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.15 0.23 0.83
 LAB*LAB 37.15 0.0 0.0
 LAB*TCHa 37.36 0.01 -

relative CIELAB lab*
 lab*lab 0.25 0.0 0.0
 lab*ch 0.25 0.0 0.0
 lab*nch 0.25 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.25 0.0 0.0
 lab*nce 0.25 0.0 0.0
 lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 1.0 (0.0)
 olv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LAB 18.02 0.0 0.0
 LAB*TCHa 0.01 -

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.0 0.0 0.0
 lab*nce 0.0 0.0 0.0
 lab*nce 1.0 0.0 -

$n^* = 1.0$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.5 0.5 0.0 (0.0)
 olv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 60.56 15.23 -19.79
 LAB*LAB 60.56 15.55 -22.19
 LAB*TCHa 75.00 27.1 305.0

relative CIELAB lab*
 lab*lab 0.55 0.287 -0.408
 lab*ch 0.75 0.5 0.847
 lab*nch 0.0 0.5 0.847
 relative Natural Colour (NC)
 lab*nrj 0.55 0.225 -0.446
 lab*nce 0.75 0.5 0.824
 lab*nce 0.0 0.5 0.824

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 1.0 (1.0)
 cmy3* 0.75 0.75 0.25 (0.0)
 olv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 43.14 23.34 -32.07
 LAB*LAB 43.14 23.32 -33.29
 LAB*TCHa 75.00 40.66 305.0

relative CIELAB lab*
 lab*lab 0.32 0.43 -0.613
 lab*ch 0.625 0.75 0.847
 lab*nch 0.0 0.75 0.847
 relative Natural Colour (NC)
 lab*nrj 0.325 0.337 -0.669
 lab*nce 0.625 0.75 0.824
 lab*nce 0.0 0.75 0.824

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.75 (1.0)
 cmy3* 1.0 1.0 0.25 (0.0)
 olv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.5 0.5 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 23.87 15.27 33.7
 LAB*LAB 23.87 15.27 33.7
 LAB*TCHa 37.51 40.66 305.0

relative CIELAB lab*
 lab*lab 0.075 0.43 -0.613
 lab*ch 0.375 0.75 0.847
 lab*nch 0.0 0.75 0.847
 relative Natural Colour (NC)
 lab*nrj 0.075 0.337 -0.669
 lab*nce 0.25 0.75 0.824
 lab*nce 0.0 0.75 0.824

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.5 (1.0)
 cmy3* 1.0 1.0 0.5 (0.0)
 olv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.5 0.5 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 21.87 15.55 -22.19
 LAB*LAB 21.87 15.55 -22.19
 LAB*TCHa 25.01 27.1 305.0

relative CIELAB lab*
 lab*lab 0.05 0.287 -0.408
 lab*ch 0.25 0.5 0.847
 lab*nch 0.0 0.5 0.847
 relative Natural Colour (NC)
 lab*nrj 0.05 0.225 -0.446
 lab*nce 0.25 0.5 0.824
 lab*nce 0.0 0.5 0.824

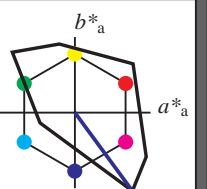
$n^* = 0.50$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 306/360 = 0.851$
 lab^*ch und lab^*nch

D50: Buntton V
 LCH*Ma: 30 129 306
 olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)
 ohv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 olv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 0.0 0.0
 LAB*LAB 95.41 0.0 0.0
 LAB*TCHa 99.99 0.01 -

relative CIELAB lab*
 lab*lab 1.0 0.0 0.0
 lab*ch 1.0 0.0 0.0
 lab*nch 0.0 0.0 -
 relative Natural Colour (NC)
 lab*nrj 1.0 0.0 0.0
 lab*nce 1.0 0.0 0.0
 lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
 ohv3* 0.75 0.75 0.75 (1.0)
 cmy3* 0.25 0.25 0.25 (0.0)
 olv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 71.57 0.0 0.0
 LAB*LAB 71.57 0.0 0.0
 LAB*TCHa 75.00 0.01 -

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.25 0.0 -
 relative Natural Colour (NC)
 lab*nrj 0.75 0.0 0.0
 lab*nce 0.75 0.0 0.0
 lab*nce 0.0 0.0 -

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 0.5 (0.0)
 cmy3* 0.5 0.5 0.5 (0.0)
 olv3* 1.0 1.0 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 55.31 19.01 -25.89
 LAB*LAB 55.31 19.01 -25.89
 LAB*TCHa 62.5 32.13 306.29

relative CIELAB lab*
 lab*lab 0.5 0.5 0.0
 lab*ch 0.5 0.5 0.851
 lab*nch 0.0 0.5 0.851
 relative Natural Colour (NC)
 lab*nrj 0.5 0.5 0.0
 lab*nce 0.5 0.5 0.826
 lab*nce 0.0 0.5 0.826

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.25 (0.0)
 olv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 31.46 19.01 -25.89
 LAB*LAB 31.46 19.01 -25.89
 LAB*TCHa 37.5 32.13 306.29

relative CIELAB lab*
 lab*lab 0.25 0.25 0.0
 lab*ch 0.25 0.25 0.851
 lab*nch 0.0 0.25 0.851
 relative Natural Colour (NC)
 lab*nrj 0.25 0.23 -0.443
 lab*nce 0.25 0.25 0.826
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 0.5 (0.0)
 olv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.5 0.5 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 19.01 15.27 33.7
 LAB*LAB 19.01 15.27 33.7
 LAB*TCHa 25.01 27.1 306.29

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.0 0.0 0.0
 lab*nce 0.0 0.0 0.0
 lab*nce 1.0 0.0 -

$n^* = 1.0$

TLS00; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
Y _{Ma}	92.66	-20.69	90.75	93.08	103
L _{Ma}	83.63	-82.75	79.9	115.04	136
C _{Ma}	86.88	-46.16	-13.55	48.12	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.3	94.35	-58.41	110.97	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularität

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

relative Inform. Technology (IT)
 ohv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.5 0.5 0.0 (0.0)
 olv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 62.9 38.02 -51.78
 LAB*LAB 62.9 38.02 -51.78
 LAB*TCHa 75.00 64.25 306.29

relative CIELAB lab*
 lab*lab 0.659 0.296 -0.402
 lab*ch 0.75 0.5 0.851
 lab*nch 0.0 0.5 0.851
 relative Natural Colour (NC)
 lab*nrj 0.659 0.23 -0.443
 lab*nce 0.75 0.5 0.826
 lab*nce 0.0 0.5 0.826

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 0.25 (1.0)
 cmy3* 0.75 0.75 0.25 (0.0)
 olv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 39.05 38.03 -51.79
 LAB*LAB 39.05 38.03 -51.79
 LAB*TCHa 50.0 64.25 306.29

relative CIELAB lab*
 lab*lab 0.25 0.25 0.0
 lab*ch 0.25 0.25 0.851
 lab*nch 0.0 0.25 0.851
 relative Natural Colour (NC)
 lab*nrj 0.25 0.23 -0.443
 lab*nce 0.25 0.25 0.826
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.75 (1.0)
 cmy3* 1.0 1.0 0.25 (0.0)
 olv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.5 0.5 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 15.27 15.27 33.7
 LAB*LAB 15.27 15.27 33.7
 LAB*TCHa 37.5 32.13 306.29

relative CIELAB lab*
 lab*lab 0.33 0.44 -0.603
 lab*ch 0.375 0.75 0.851
 lab*nch 0.0 0.75 0.851
 relative Natural Colour (NC)
 lab*nrj 0.33 0.337 -0.669
 lab*nce 0.375 0.75 0.826
 lab*nce 0.0 0.75 0.826

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.5 (1.0)
 cmy3* 1.0 1.0 0.5 (0.0)
 olv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.5 0.5 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 12.5 15.27 33.7
 LAB*LAB 12.5 15.27 33.7
 LAB*TCHa 25.01 27.1 306.29

relative CIELAB lab*
 lab*lab 0.159 0.296 -0.402
 lab*ch 0.25 0.5 0.851
 lab*nch 0.0 0.5 0.851
 relative Natural Colour (NC)
 lab*nrj 0.159 0.23 -0.443
 lab*nce 0.25 0.5 0.826
 lab*nce 0.0 0.5 0.826

$n^* = 0.50$

relative Inform. Technology (IT)
 ohv3* 0.25 0.25 1.0 (1.0)
 cmy3* 0.75 0.75 0.25 (0.0)
 olv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 46.64 37.04 -77.68
 LAB*LAB 46.64 37.04 -77.68
 LAB*TCHa 62.5 96.38 306.29

relative CIELAB lab*
 lab*lab 0.489 0.444 -0.603
 lab*ch 0.625 0.75 0.851
 lab*nch 0.0 0.75 0.851
 relative Natural Colour (NC)
 lab*nrj 0.489 0.344 -0.665
 lab*nce 0.625 0.75 0.826
 lab*nce 0.0 0.75 0.826

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.75 (1.0)
 cmy3* 1.0 1.0 0.25 (0.0)
 olv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.5 0.5 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 30.39 76.04 -103.5
 LAB*LAB 30.39 76.04 -103.5
 LAB*TCHa 50.0 128.5 306.29

relative CIELAB lab*
 lab*lab 0.318 0.592 -0.805
 lab*ch 0.5 1.0 0.851
 lab*nch 0.0 1.0 0.851
 relative Natural Colour (NC)
 lab*nrj 0.318 0.459 -0.887
 lab*nce 0.5 1.0 0.826
 lab*nce 0.0 1.0 0.826

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.5 (1.0)
 cmy3* 1.0 1.0 0.5 (0.0)
 olv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.5 0.5 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 15.21 38.02 -51.78
 LAB*LAB 15.21 38.02 -51.78
 LAB*TCHa 25.01 64.25 306.29

relative CIELAB lab*
 lab*lab 0.239 0.444 -0.603
 lab*ch 0.375 0.75 0.851
 lab*nch 0.0 0.75 0.851
 relative Natural Colour (NC)
 lab*nrj 0.239 0.344 -0.665
 lab*nce 0.25 0.75 0.826
 lab*nce 0.0 0.75 0.826

relative Inform. Technology (IT)
 ohv3* 0.0 0.0 0.0 (1.0)
 cmy3* 1.0 1.0 0.5 (0.0)
 olv3* 0.5 0.5 1.0 (1.0)
 cmy3* 0.5 0.5 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 0.0 15.27 33.7
 LAB*LAB 0.0 15.27 33.7
 LAB*TCHa 0.01 -

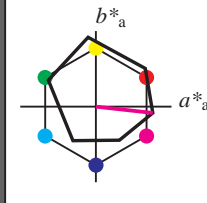
relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
 relative Natural Colour (NC)
 lab*nrj 0.0 0.0 0.0
 lab*nce 0.0 0.0 0.0
 lab*nce 1.0

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 354/360 = 0.982$
 lab^*ch und lab^*nch

D50: Buntton M
 LCH*Ma: 48 76 354
 olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

obv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.98	47.5
LAB*LAB	95.41	0.0	0.0
LAB*LAB	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	1.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nc	1.0	0.0	0.0
lab*nc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LAB	76.06	0.0	0.0
LAB*LAB	75.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.847	0.248	-0.027
lab*ch	0.875	0.25	0.982
lab*nch	0.0	0.25	0.982

relative Natural Colour (NC)

lab*nc	0.875	0.25	0.982
lab*nc	0.0	0.25	0.982

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	56.71	-0.24	2.14
LAB*LAB	56.71	0.0	0.0
LAB*LAB	55.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.5	0.5	0.0
lab*ch	0.5	0.0	0.0
lab*nch	0.0	0.5	0.0

relative Natural Colour (NC)

lab*nc	0.5	0.0	0.0
lab*nc	0.0	0.5	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.24	0.38	0.88
LAB*LAB	37.24	0.0	0.0
LAB*LAB	35.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.347	0.227	-0.103
lab*ch	0.375	0.25	0.982
lab*nch	0.0	0.25	0.982

relative Natural Colour (NC)

lab*nc	0.375	0.25	0.982
lab*nc	0.0	0.25	0.982

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	25.00	0.01	0.0
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relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.25	0.0

relative Natural Colour (NC)

lab*nc	0.25	0.0	0.0
lab*nc	0.0	0.25	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.0
LAB*LAB	18.02	0.0	0.0
LAB*LAB	18.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.0	0.25	0.0
lab*ch	0.0	0.25	0.0
lab*nch	0.0	0.0	0.25

relative Natural Colour (NC)

lab*nc	0.0	0.25	0.0
lab*nc	0.0	0.0	0.25

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	10.00	0.0	0.0
LAB*LAB	10.00	0.0	0.0
LAB*LAB	10.00	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nc	0.0	0.0	0.0
lab*nc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	0.00	0.0	0.0
LAB*LAB	0.00	0.0	0.0
LAB*LAB	0.00	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nc	0.0	0.0	0.0
lab*nc	0.0	0.0	0.0

OG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (links)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & TLS00 input: $cmv0^*setcmykcolor$

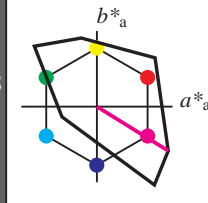
D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: $cmv0^*/000n^*setcmykcolor$

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 328/360 = 0.912$
 lab^*ch und lab^*nch

D50: Buntton M
 LCH*Ma: 57 111 328
 olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)

obv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LAB	95.41	0.0	0.0
LAB*LAB	99.99	0.01	0.0

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	1.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nc	1.0	0.0	0.0
lab*nc	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	71.57	0.0	0.0
LAB*LAB	71.57	0.0	0.0
LAB*LAB	75.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.75	0.0	0.0
lab*nch	0.0	0.75	0.0

relative Natural Colour (NC)

lab*nc	0.75	0.0	0.0
lab*nc	0.0	0.75	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	47.72	0.0	0.0
LAB*LAB	47.72	0.0	0.0
LAB*LAB	50.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ch	0.5	0.0	0.0
lab*nch	0.0	0.5	0.0

relative Natural Colour (NC)

lab*nc	0.5	0.0	0.0
lab*nc	0.0	0.5	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	23.87	0.0	0.0
LAB*LAB	23.87	0.0	0.0
LAB*LAB	25.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.25	0.0

relative Natural Colour (NC)

lab*nc	0.25	0.0	0.0
lab*nc	0.0	0.25	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	14.34	0.0	0.0
LAB*LAB	14.34	0.0	0.0
LAB*LAB	15.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.25	0.0

relative Natural Colour (NC)

lab*nc	0.25	0.0	0.0
lab*nc	0.0	0.25	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	0.03	0.0	0.0
LAB*LAB	0.03	0.0	0.0
LAB*LAB	0.00	0.01	0.0

relative CIELAB lab*

lab*lab	0.0	0.25	0.0
lab*ch	0.0	0.25	0.0
lab*nch	0.0	0.0	0.25

relative Natural Colour (NC)

lab*nc	0.0	0.25	0.0
lab*nc	0.0	0.0	0.25

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	1.0
cmv3*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	0.00	0.0	0.0
LAB*LAB	0.00	0.0	0.0
LAB*LAB	0.00	0.0	0.0

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nc	0.0	0.0	0.0
lab*nc	0.0	0.0	0.0

5 stufige Reihen für konstanten CIELAB Buntton 328/360 = 0.912 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & TLS00 input: $cmv0^*setcmykcolor$

D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: $cmv0^*/000n^*setcmykcolor$

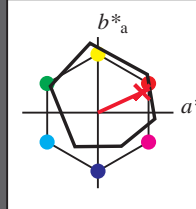
BAM-Registrierung: 20060101-QG50/10S/S50G05FP.PS/.PDF BAM-Material: Code=thakta
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
 /QG50 Form 6/10, Serie: 1/1, Seite: 6
 Seitenzahl: 6

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 25/360 = 0.069$
 lab^*ch und lab^*nch

D50: Buntton R
LCH*Ma: 48 75 25
olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 93$

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

ORS18; adaptierte CIELAB-Daten

Table with columns L*Ma, a*Ma, b*Ma, C*Ma, h*Ma and rows for O, Y, L, C, V, M, N, W, R, J, G, B.

%Regularität
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

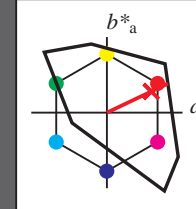
standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 25/360 = 0.071$
 lab^*ch und lab^*nch

D50: Buntton R
LCH*Ma: 52 89 25
olv*Ma: 1.0 0.0 0.21

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 158$

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

TLS00; adaptierte CIELAB-Daten

Table with columns L*Ma, a*Ma, b*Ma, C*Ma, h*Ma and rows for O, Y, L, C, V, M, N, W, R, J, G, B.

%Regularität
 $g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

relative Inform. Technology (IT) table with columns for L, a, b, C, h and rows for L, a, b, C, h.

standard and adapted CIELAB table with columns for L, a, b, C, h and rows for L, a, b, C, h.

OG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & TLS00 input: $cmY0^*_{setcmYcolor}$

D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: $cmY0^*/000n^*_{setcmYcolor}$

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 92/360 = 0.255$

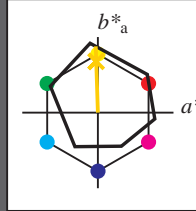
lab^*ch und lab^*nch

D50: Buntton J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)

obv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	95.41	-0.98	47.75	0.0
LAB*LAB	95.41	0.0	0.0	0.0
LAB*LAB	99.99	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.975	0.75	(1.0)
cmv3*	0.0	0.025	0.25	(0.0)
olv3*	1.0	0.975	0.75	(1.0)
cmv3*	0.0	0.025	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	93.1	-1.64	26.52	0.0
LAB*LAB	93.1	-0.7	21.92	0.0
LAB*LAB	97.5	21.93	91.85	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.951	0.5	(1.0)
cmv3*	0.0	0.049	0.5	(0.0)
olv3*	1.0	0.951	0.5	(1.0)
cmv3*	0.0	0.049	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	90.8	-2.3	48.29	0.0
LAB*LAB	90.8	-1.4	43.84	0.0
LAB*LAB	95.41	43.84	91.85	0.0

%Regularität

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

relative Inform. Technology (IT)

obv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	76.06	-0.61	3.44	0.0
LAB*LAB	76.06	0.0	0.0	0.0
LAB*LAB	75.0	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.725	0.5	(1.0)
cmv3*	0.25	0.275	0.5	(0.0)
olv3*	1.0	0.975	0.75	(1.0)
cmv3*	0.0	0.025	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	73.75	-1.27	25.22	0.0
LAB*LAB	73.75	-0.69	21.92	0.0
LAB*LAB	75.0	21.93	91.84	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.701	0.25	(1.0)
cmv3*	0.25	0.299	0.75	(0.0)
olv3*	1.0	0.951	0.5	(1.0)
cmv3*	0.0	0.049	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	88.49	-2.96	70.05	0.0
LAB*LAB	88.49	-2.1	65.76	0.0
LAB*LAB	95.41	65.76	91.84	0.0

relative Inform. Technology (IT)

obv3*	1.0	0.901	0.0	(1.0)
cmv3*	0.0	0.099	1.0	(0.0)
olv3*	1.0	0.901	0.0	(1.0)
cmv3*	0.0	0.099	1.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	86.19	-3.62	91.81	0.0
LAB*LAB	86.19	-2.81	87.67	0.0
LAB*LAB	90.8	87.67	91.84	0.0

relative Inform. Technology (IT)

obv3*	0.75	0.675	0.0	(1.0)
cmv3*	0.25	0.325	0.0	(0.0)
olv3*	1.0	0.926	0.25	(1.0)
cmv3*	0.0	0.074	0.75	(0.0)
standard and adapted CIELAB				
LAB*LAB	88.49	-2.96	70.05	0.0
LAB*LAB	88.49	-2.1	65.76	0.0
LAB*LAB	95.41	65.76	91.84	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.72	0.0	0.0	0.0
LAB*LAB	47.72	0.0	0.0	0.0
LAB*LAB	50.0	87.72	91.84	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.71	-0.24	2.14	0.0
LAB*LAB	56.71	0.0	0.0	0.0
LAB*LAB	50.0	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.475	0.25	(1.0)
cmv3*	0.5	0.525	0.75	(0.0)
olv3*	1.0	0.975	0.75	(1.0)
cmv3*	0.0	0.025	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	54.4	-0.89	31.92	0.0
LAB*LAB	54.4	-0.69	21.92	0.0
LAB*LAB	57.5	21.93	91.84	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.451	0.0	(1.0)
cmv3*	0.5	0.549	1.0	(0.0)
olv3*	1.0	0.951	0.5	(1.0)
cmv3*	0.0	0.049	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	52.1	-1.39	43.83	0.0
LAB*LAB	52.1	-0.7	39.49	0.0
LAB*LAB	57.5	43.84	91.84	0.0

relative Inform. Technology (IT)

obv3*	0.91	-0.023	0.75	(1.0)
cmv3*	0.09	0.015	0.5	(0.0)
olv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	69.14	-2.58	68.74	0.0
LAB*LAB	69.14	-2.1	65.76	0.0
LAB*LAB	95.41	65.76	91.84	0.0

relative Inform. Technology (IT)

obv3*	0.91	-0.023	0.75	(1.0)
cmv3*	0.09	0.015	0.5	(0.0)
olv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	69.14	-2.58	68.74	0.0
LAB*LAB	69.14	-2.1	65.76	0.0
LAB*LAB	95.41	65.76	91.84	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	47.72	0.0	0.0	0.0
LAB*LAB	47.72	0.0	0.0	0.0
LAB*LAB	50.0	87.72	91.84	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.36	0.0	0.88	0.0
LAB*LAB	37.36	0.0	0.0	0.0
LAB*LAB	25.0	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.47	-0.007	0.25	(1.0)
cmv3*	0.53	0.25	0.25	(0.0)
olv3*	1.0	0.975	0.75	(1.0)
cmv3*	0.0	0.025	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	37.36	0.0	0.88	0.0
LAB*LAB	37.36	0.0	0.0	0.0
LAB*LAB	25.0	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.5	0.451	0.0	(1.0)
cmv3*	0.5	0.549	1.0	(0.0)
olv3*	1.0	0.951	0.5	(1.0)
cmv3*	0.0	0.049	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	52.1	-1.39	43.83	0.0
LAB*LAB	52.1	-0.7	39.49	0.0
LAB*LAB	57.5	43.84	91.84	0.0

relative Inform. Technology (IT)

obv3*	0.661	-0.023	0.75	(1.0)
cmv3*	0.339	0.015	0.5	(0.0)
olv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	69.14	-2.58	68.74	0.0
LAB*LAB	69.14	-2.1	65.76	0.0
LAB*LAB	95.41	65.76	91.84	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	23.87	0.0	0.0	0.0
LAB*LAB	23.87	0.0	0.0	0.0
LAB*LAB	25.0	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	23.87	0.0	0.0	0.0
LAB*LAB	23.87	0.0	0.0	0.0
LAB*LAB	25.0	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	0.0	0.47	0.0
LAB*LAB	18.02	0.0	0.0	0.0
LAB*LAB	10.0	0.01	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.22	-0.007	0.25	(1.0)
cmv3*	0.78	0.25	0.25	(0.0)
olv3*	1.0	0.975	0.75	(1.0)
cmv3*	0.0	0.025	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	35.06	-0.69	21.91	0.0
LAB*LAB	35.06	-0.69	21.91	0.0
LAB*LAB	12.5	21.92	91.83	0.0

relative Inform. Technology (IT)

obv3*	0.44	-0.015	0.5	(1.0)
cmv3*	0.56	0.25	0.25	(0.0)
olv3*	1.0	0.951	0.5	(1.0)
cmv3*	0.0	0.049	0.5	(0.0)
standard and adapted CIELAB				
LAB*LAB	69.14	-2.58	68.74	0.0
LAB*LAB	69.14	-2.1	65.76	0.0
LAB*LAB	95.41	65.76	91.84	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.22	-0.007	0.25	(1.0)
cmv3*	0.78	0.25	0.25	(0.0)
olv3*	1.0	0.975	0.75	(1.0)
cmv3*	0.0	0.025	0.25	(0.0)
standard and adapted CIELAB				
LAB*LAB	35.06	-0.69	21.91	0.0
LAB*LAB	35.06	-0.69	21.91	0.0
LAB*LAB	12.5	21.92	91.83	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0
LAB*LAB	0.0	0.0	0.0	0.0

relative

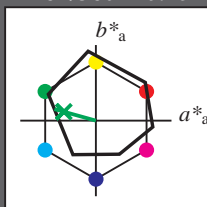
Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 164/360 = 0.457$

lab^*ch und lab^*nch

D50: Buntton G
 LCH*Ma: 53 57 164
 olv*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit t^*



relative Inform. Technology (IT)
 ohv1* 1.0 1.0 1.0 (1.0)
 ohv2* 0.0 0.0 0.0 (0.0)
 ohv3* 1.0 1.0 1.0 (1.0)
 ohv4* 0.0 0.0 0.0 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 95.41 -0.98 47.5
 LAB*LAB 95.41 0.0 0.0
 LAB*TCa 99.99 0.01 -

relative Inform. Technology (IT)
 ohv1* 0.75 1.0 0.812 (1.0)
 ohv2* 0.25 0.0 0.188 (0.0)
 ohv3* 0.75 1.0 0.812 (1.0)
 ohv4* 0.25 0.0 0.188 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 84.75 -14.48 7.85
 LAB*LAB 84.75 -13.69 3.81
 LAB*TCa 87.5 14.22 164.46

relative Inform. Technology (IT)
 ohv1* 0.5 1.0 0.623 (1.0)
 ohv2* 0.5 0.0 0.377 (0.0)
 ohv3* 0.5 1.0 0.623 (1.0)
 ohv4* 0.5 0.0 0.377 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 74.1 -27.98 10.94
 LAB*LAB 74.1 -27.4 7.62
 LAB*TCa 75.0 28.45 164.46

relative Inform. Technology (IT)
 ohv1* 0.25 0.5 0.457 (1.0)
 ohv2* 0.25 0.0 0.543 (0.0)
 ohv3* 0.25 0.5 0.457 (1.0)
 ohv4* 0.25 0.0 0.543 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 63.45 -41.48 14.04
 LAB*LAB 63.45 -41.11 11.44
 LAB*TCa 62.5 42.68 164.45

relative Inform. Technology (IT)
 ohv1* 0.0 1.0 0.246 (1.0)
 ohv2* 0.0 0.0 0.754 (0.0)
 ohv3* 0.0 1.0 0.246 (1.0)
 ohv4* 0.0 0.0 0.754 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 52.8 -54.88 17.14
 LAB*LAB 52.8 -54.81 15.26
 LAB*TCa 50.0 56.91 164.45

relative Inform. Technology (IT)
 ohv1* 0.0 0.5 0.457 (1.0)
 ohv2* 0.0 0.0 0.543 (0.0)
 ohv3* 0.0 0.5 0.457 (1.0)
 ohv4* 0.0 0.0 0.543 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 44.11 -41.11 12.74
 LAB*LAB 44.11 -41.11 11.45
 LAB*TCa 37.51 42.69 164.45

relative Inform. Technology (IT)
 ohv1* 0.75 0.75 0.75 (1.0)
 ohv2* 0.25 0.25 0.25 (0.0)
 ohv3* 1.0 1.0 1.0 (1.0)
 ohv4* 0.0 0.0 0.0 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 76.06 -0.61 3.44
 LAB*LAB 76.06 0.0 0.0
 LAB*TCa 75.0 0.01 -

relative Inform. Technology (IT)
 ohv1* 0.5 0.75 0.5 (1.0)
 ohv2* 0.25 0.25 0.25 (0.0)
 ohv3* 0.75 1.0 0.812 (0.75)
 ohv4* 0.25 0.0 0.188 (0.25)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 65.41 -13.7 3.81
 LAB*LAB 65.41 -13.7 3.81
 LAB*TCa 62.5 14.23 164.45

relative Inform. Technology (IT)
 ohv1* 0.25 0.5 0.25 (1.0)
 ohv2* 0.25 0.0 0.754 (0.0)
 ohv3* 0.25 0.5 0.25 (1.0)
 ohv4* 0.25 0.0 0.754 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 54.76 -27.41 7.63
 LAB*LAB 54.76 -27.41 7.63
 LAB*TCa 50.0 56.91 164.45

relative Inform. Technology (IT)
 ohv1* 0.0 0.75 0.457 (1.0)
 ohv2* 0.0 0.0 0.543 (0.0)
 ohv3* 0.0 0.75 0.457 (1.0)
 ohv4* 0.0 0.0 0.543 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 44.11 -41.11 12.74
 LAB*LAB 44.11 -41.11 11.45
 LAB*TCa 37.51 42.69 164.45

relative Inform. Technology (IT)
 ohv1* 0.0 0.0 0.246 (1.0)
 ohv2* 0.0 0.0 0.754 (0.0)
 ohv3* 0.0 0.0 0.246 (1.0)
 ohv4* 0.0 0.0 0.754 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 47.72 0.0 0.0
 LAB*LAB 47.72 0.0 0.0
 LAB*TCa 50.0 0.01 -

relative Inform. Technology (IT)
 ohv1* 0.0 0.25 0.457 (1.0)
 ohv2* 0.0 0.0 0.543 (0.0)
 ohv3* 0.0 0.25 0.457 (1.0)
 ohv4* 0.0 0.0 0.543 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 45.3 -41.71 4.72
 LAB*LAB 45.3 -41.71 4.72
 LAB*TCa 37.5 15.45 162.22

relative Inform. Technology (IT)
 ohv1* 0.25 0.25 0.25 (1.0)
 ohv2* 0.75 0.5 0.5 (0.0)
 ohv3* 1.0 1.0 1.0 (1.0)
 ohv4* 0.0 0.0 0.0 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 56.71 -0.24 2.14
 LAB*LAB 56.71 0.0 0.0
 LAB*TCa 50.0 0.01 -

relative Inform. Technology (IT)
 ohv1* 0.25 0.25 0.25 (1.0)
 ohv2* 0.75 0.5 0.5 (0.0)
 ohv3* 0.75 1.0 0.812 (0.75)
 ohv4* 0.25 0.0 0.188 (0.25)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 46.06 -13.74 5.24
 LAB*LAB 46.06 -13.7 3.81
 LAB*TCa 37.5 14.23 164.45

relative Inform. Technology (IT)
 ohv1* 0.0 0.25 0.188 (1.0)
 ohv2* 0.0 0.0 0.812 (0.0)
 ohv3* 0.0 0.25 0.188 (1.0)
 ohv4* 0.0 0.0 0.812 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 35.41 -27.4 7.63
 LAB*LAB 35.41 -27.4 7.63
 LAB*TCa 25.01 28.46 164.44

relative Inform. Technology (IT)
 ohv1* 0.0 0.0 0.246 (1.0)
 ohv2* 0.0 0.0 0.754 (0.0)
 ohv3* 0.0 0.0 0.246 (1.0)
 ohv4* 0.0 0.0 0.754 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 52.8 -54.88 17.14
 LAB*LAB 52.8 -54.81 15.26
 LAB*TCa 50.0 56.91 164.45

relative Inform. Technology (IT)
 ohv1* 0.0 0.0 0.457 (1.0)
 ohv2* 0.0 0.0 0.543 (0.0)
 ohv3* 0.0 0.0 0.457 (1.0)
 ohv4* 0.0 0.0 0.543 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 44.11 -41.11 12.74
 LAB*LAB 44.11 -41.11 11.45
 LAB*TCa 37.51 42.69 164.45

relative Inform. Technology (IT)
 ohv1* 0.0 0.0 0.246 (1.0)
 ohv2* 0.0 0.0 0.754 (0.0)
 ohv3* 0.0 0.0 0.246 (1.0)
 ohv4* 0.0 0.0 0.754 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 47.72 0.0 0.0
 LAB*LAB 47.72 0.0 0.0
 LAB*TCa 50.0 0.01 -

relative Inform. Technology (IT)
 ohv1* 0.25 0.25 0.25 (1.0)
 ohv2* 0.75 0.75 0.75 (0.0)
 ohv3* 1.0 1.0 1.0 (1.0)
 ohv4* 0.0 0.0 0.0 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 37.36 -0.83 1.81
 LAB*LAB 37.36 0.0 0.0
 LAB*TCa 25.0 0.01 -

relative Inform. Technology (IT)
 ohv1* 0.25 0.25 0.25 (1.0)
 ohv2* 0.75 0.5 0.5 (0.0)
 ohv3* 0.75 1.0 0.812 (0.75)
 ohv4* 0.25 0.0 0.188 (0.25)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 26.71 -13.7 3.82
 LAB*LAB 26.71 -13.7 3.82
 LAB*TCa 12.5 14.23 164.43

relative Inform. Technology (IT)
 ohv1* 0.0 0.25 0.188 (1.0)
 ohv2* 0.0 0.0 0.812 (0.0)
 ohv3* 0.0 0.25 0.188 (1.0)
 ohv4* 0.0 0.0 0.812 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 35.41 -27.4 7.63
 LAB*LAB 35.41 -27.4 7.63
 LAB*TCa 25.01 28.46 164.44

relative Inform. Technology (IT)
 ohv1* 0.0 0.0 0.246 (1.0)
 ohv2* 0.0 0.0 0.754 (0.0)
 ohv3* 0.0 0.0 0.246 (1.0)
 ohv4* 0.0 0.0 0.754 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 47.72 0.0 0.0
 LAB*LAB 47.72 0.0 0.0
 LAB*TCa 50.0 0.01 -

relative Inform. Technology (IT)
 ohv1* 0.0 0.0 0.457 (1.0)
 ohv2* 0.0 0.0 0.543 (0.0)
 ohv3* 0.0 0.0 0.457 (1.0)
 ohv4* 0.0 0.0 0.543 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 45.3 -41.71 4.72
 LAB*LAB 45.3 -41.71 4.72
 LAB*TCa 37.5 15.45 162.22

relative Inform. Technology (IT)
 ohv1* 0.25 0.25 0.25 (1.0)
 ohv2* 0.75 0.5 0.5 (0.0)
 ohv3* 1.0 1.0 1.0 (1.0)
 ohv4* 0.0 0.0 0.0 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 42.88 -29.29 9.44
 LAB*LAB 42.88 -29.29 9.44
 LAB*TCa 30.91 30.91 162.22

relative Inform. Technology (IT)
 ohv1* 0.0 0.25 0.188 (1.0)
 ohv2* 0.0 0.0 0.812 (0.0)
 ohv3* 0.0 0.25 0.188 (1.0)
 ohv4* 0.0 0.0 0.812 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 35.41 -27.4 7.63
 LAB*LAB 35.41 -27.4 7.63
 LAB*TCa 25.01 28.46 164.44

relative Inform. Technology (IT)
 ohv1* 0.0 0.0 0.246 (1.0)
 ohv2* 0.0 0.0 0.754 (0.0)
 ohv3* 0.0 0.0 0.246 (1.0)
 ohv4* 0.0 0.0 0.754 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 47.72 0.0 0.0
 LAB*LAB 47.72 0.0 0.0
 LAB*TCa 50.0 0.01 -

relative Inform. Technology (IT)
 ohv1* 0.0 0.0 0.457 (1.0)
 ohv2* 0.0 0.0 0.543 (0.0)
 ohv3* 0.0 0.0 0.457 (1.0)
 ohv4* 0.0 0.0 0.543 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 45.3 -41.71 4.72
 LAB*LAB 45.3 -41.71 4.72
 LAB*TCa 37.5 15.45 162.22

relative Inform. Technology (IT)
 ohv1* 0.25 0.25 0.25 (1.0)
 ohv2* 0.75 0.5 0.5 (0.0)
 ohv3* 1.0 1.0 1.0 (1.0)
 ohv4* 0.0 0.0 0.0 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 42.88 -29.29 9.44
 LAB*LAB 42.88 -29.29 9.44
 LAB*TCa 30.91 30.91 162.22

relative Inform. Technology (IT)
 ohv1* 0.0 0.25 0.188 (1.0)
 ohv2* 0.0 0.0 0.812 (0.0)
 ohv3* 0.0 0.25 0.188 (1.0)
 ohv4* 0.0 0.0 0.812 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 35.41 -27.4 7.63
 LAB*LAB 35.41 -27.4 7.63
 LAB*TCa 25.01 28.46 164.44

relative Inform. Technology (IT)
 ohv1* 0.0 0.0 0.246 (1.0)
 ohv2* 0.0 0.0 0.754 (0.0)
 ohv3* 0.0 0.0 0.246 (1.0)
 ohv4* 0.0 0.0 0.754 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 47.72 0.0 0.0
 LAB*LAB 47.72 0.0 0.0
 LAB*TCa 50.0 0.01 -

relative Inform. Technology (IT)
 ohv1* 0.0 0.0 0.0 (1.0)
 ohv2* 1.0 1.0 1.0 (0.0)
 ohv3* 1.0 1.0 1.0 (1.0)
 ohv4* 0.0 0.0 0.0 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LAB 18.02 0.0 0.0
 LAB*TCa 0.0 0.01 -

relative Inform. Technology (IT)
 ohv1* 0.0 0.0 0.0 (1.0)
 ohv2* 1.0 0.75 0.938 (0.0)
 ohv3* 1.0 1.0 1.0 (1.0)
 ohv4* 0.0 0.0 0.0 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LAB 18.02 0.0 0.0
 LAB*TCa 0.0 0.01 -

relative Inform. Technology (IT)
 ohv1* 0.0 0.0 0.0 (1.0)
 ohv2* 1.0 0.75 0.938 (0.0)
 ohv3* 1.0 1.0 1.0 (1.0)
 ohv4* 0.0 0.0 0.0 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LAB 18.02 0.0 0.0
 LAB*TCa 0.0 0.01 -

relative Inform. Technology (IT)
 ohv1* 0.0 0.0 0.0 (1.0)
 ohv2* 1.0 0.75 0.938 (0.0)
 ohv3* 1.0 1.0 1.0 (1.0)
 ohv4* 0.0 0.0 0.0 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LAB 18.02 0.0 0.0
 LAB*TCa 0.0 0.01 -

relative Inform. Technology (IT)
 ohv1* 0.0 0.0 0.0 (1.0)
 ohv2* 1.0 0.75 0.938 (0.0)
 ohv3* 1.0 1.0 1.0 (1.0)
 ohv4* 0.0 0.0 0.0 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LAB 18.02 0.0 0.0
 LAB*TCa 0.0 0.01 -

relative Inform. Technology (IT)
 ohv1* 0.0 0.0 0.0 (1.0)
 ohv2* 1.0 0.75 0.938 (0.0)
 ohv3* 1.0 1.0 1.0 (1.0)
 ohv4* 0.0 0.0 0.0 (0.0)
 ohv5* 0.0 0.0 0.0 (0.0)
 standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LAB 18.02 0.0 0.0
 LAB*TCa 0.0 0.01 -

OG500-7, 5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

5 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (rechts)

BAM-Prüfvorlage QG50; Farbmetrik-Systeme ORS18 & TLS00 input: cmy0* setcmykcolor

D50: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: cmy0* / 000n* setcmykcolor

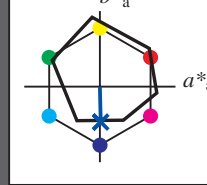
BAM-Registrierung: 20060101-QG50/10S/S50G08FP.PS/.PDF BAM-Material: Code=thakta
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
 /QG50 Form 9/10, Serie: 1/1, Seite: 9
 Seitenhang 9

Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 271/360 = 0.754$
 lab^*ch und lab^*nch

D50: Buntton B
 LCH*Ma: 42 45 271
 olv*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten

	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RC _{IE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularität

$g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

relative Inform. Technology (IT)

ohv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	95.41	-0.98	47.5
LAB*LAB	95.41	0.0	0.0
LAB*LAB	99.99	0.01	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	0.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*lj	1.0	0.0	0.0
lab*lc	1.0	0.0	0.0
lab*nc	0.0	0.0	-

relative Inform. Technology (IT)

ohv3*	0.75	0.75	0.75	(1.0)
cmv3*	0.25	0.25	0.25	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LAB	76.06	0.0	0.0
LAB*LAB	75.00	0.01	-

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*lj	0.75	0.0	0.0
lab*lc	0.75	0.0	0.0
lab*nc	0.0	0.0	-

relative Inform. Technology (IT)

ohv3*	0.5	0.5	0.5	(0.0)
cmv3*	0.5	0.5	0.5	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	56.71	-0.24	2.14
LAB*LAB	56.71	0.0	0.0
LAB*LAB	50.00	0.01	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ch	0.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*lj	0.5	0.0	0.0
lab*lc	0.5	0.0	0.0
lab*nc	0.0	0.0	-

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	37.38	0.86	0.83
LAB*LAB	37.38	0.0	0.0
LAB*LAB	25.00	0.01	-

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*lj	0.25	0.0	0.0
lab*lc	0.25	0.0	0.0
lab*nc	0.0	0.0	-

relative Inform. Technology (IT)

ohv3*	0.0	0.0	0.0	(1.0)
cmv3*	1.0	1.0	1.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	18.02	0.0	0.0
LAB*LAB	18.02	0.0	0.0
LAB*LAB	0.01	0.0	-

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*ch	0.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*lj	0.0	0.0	0.0
lab*lc	0.0	0.0	0.0
lab*nc	0.0	0.0	-

$n^* = 1.0$

relative Inform. Technology (IT)

ohv3*	0.75	0.872	1.0	(1.0)
cmv3*	0.25	0.128	0.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	82.0	0.27	-11.16
LAB*LAB	82.0	0.0	0.0
LAB*LAB	87.5	11.18	271.39

relative CIELAB lab*

lab*lab	0.872	0.006	-0.249
lab*ch	0.875	0.25	0.754
lab*nch	0.0	0.25	0.754

relative Natural Colour (NC)

lab*lj	0.872	0.0	-0.249
lab*lc	0.875	0.25	0.754
lab*nc	0.0	0.25	0.754

relative Inform. Technology (IT)

ohv3*	0.5	0.622	0.75	(1.0)
cmv3*	0.5	0.378	0.25	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	62.65	-0.07	-8.62
LAB*LAB	62.65	0.27	-11.17
LAB*LAB	62.5	11.18	271.41

relative CIELAB lab*

lab*lab	0.5	0.012	-0.499
lab*ch	0.5	0.754	0.754
lab*nch	0.0	0.754	0.754

relative Natural Colour (NC)

lab*lj	0.5	0.0	-0.499
lab*lc	0.5	0.754	0.754
lab*nc	0.0	0.754	0.754

relative Inform. Technology (IT)

ohv3*	0.25	0.494	0.75	(1.0)
cmv3*	0.75	0.506	0.25	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.254	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	49.25	0.45	-20.7
LAB*LAB	49.25	0.55	-22.35
LAB*LAB	50.0	22.36	271.41

relative CIELAB lab*

lab*lab	0.494	0.012	-0.499
lab*ch	0.494	0.754	0.754
lab*nch	0.0	0.754	0.754

relative Natural Colour (NC)

lab*lj	0.494	0.0	-0.499
lab*lc	0.494	0.754	0.754
lab*nc	0.0	0.754	0.754

relative Inform. Technology (IT)

ohv3*	0.0	0.244	0.5	(1.0)
cmv3*	1.0	0.756	0.5	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.256	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	29.9	0.55	-22.34
LAB*LAB	29.9	0.55	-22.34
LAB*LAB	25.01	22.36	271.42

relative CIELAB lab*

lab*lab	0.154	0.012	-0.499
lab*ch	0.25	0.754	0.754
lab*nch	0.0	0.754	0.754

relative Natural Colour (NC)

lab*lj	0.154	0.0	-0.499
lab*lc	0.25	0.754	0.754
lab*nc	0.0	0.754	0.754

$n^* = 0.50$

relative Inform. Technology (IT)

ohv3*	0.5	0.744	1.0	(1.0)
cmv3*	0.5	0.256	0.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.256	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	68.6	0.07	-19.39
LAB*LAB	68.6	0.55	-22.34
LAB*LAB	75.0	22.36	271.4

relative CIELAB lab*

lab*lab	0.654	0.012	-0.499
lab*ch	0.75	0.5	0.754
lab*nch	0.0	0.5	0.754

relative Natural Colour (NC)

lab*lj	0.654	0.0	-0.499
lab*lc	0.75	0.5	0.754
lab*nc	0.0	0.5	0.754

relative Inform. Technology (IT)

ohv3*	0.25	0.616	1.0	(1.0)
cmv3*	0.75	0.384	0.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.384	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	55.19	0.61	-31.48
LAB*LAB	55.19	0.52	-33.52
LAB*LAB	55.19	22.36	271.4

relative CIELAB lab*

lab*lab	0.418	0.018	-0.749
lab*ch	0.625	0.754	0.754
lab*nch	0.0	0.754	0.754

relative Natural Colour (NC)

lab*lj	0.418	0.0	-0.749
lab*lc	0.625	0.754	0.754
lab*nc	0.0	0.754	0.754

relative Inform. Technology (IT)

ohv3*	0.0	0.488	1.0	(1.0)
cmv3*	1.0	0.512	0.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.488	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	41.79	1.14	-45.55
LAB*LAB	41.79	1.1	-44.69
LAB*LAB	50.0	44.71	271.41

relative CIELAB lab*

lab*lab	0.307	0.025	-0.998
lab*ch	0.5	1.0	0.754
lab*nch	0.0	1.0	0.754

relative Natural Colour (NC)

lab*lj	0.307	0.0	-0.999
lab*lc	0.5	1.0	0.754
lab*nc	0.0	1.0	0.754

relative Inform. Technology (IT)

ohv3*	0.25	0.019	-0.749	
cmv3*	0.75	0.754	0.754	
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.754	0.754	

standard and adapted CIELAB

LAB*LAB	33.84	0.98	-33.78
LAB*LAB	33.84	0.83	-33.23
LAB*LAB	37.51	33.54	271.41

relative CIELAB lab*

lab*lab	0.23	0.019	-0.749
lab*ch	0.375	0.754	0.754
lab*nch	0.0	0.754	0.754

relative Natural Colour (NC)

lab*lj	0.23	0.0	-0.749
lab*lc	0.375	0.754	0.754
lab*nc	0.0	0.754	0.754

$n^* = 0.25$

relative Inform. Technology (IT)

ohv3*	0.0	0.488	1.0	(1.0)
cmv3*	1.0	0.512	0.0	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.488	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	41.79	1.14	-45.55
LAB*LAB	41.79	1.1	-44.69
LAB*LAB	50.0	44.71	271.41

relative CIELAB lab*

lab*lab	0.307	0.025	-0.998
lab*ch	0.5	1.0	0.754
lab*nch	0.0	1.0	0.754

relative Natural Colour (NC)

lab*lj	0.307	0.0	-0.999
lab*lc	0.5	1.0	0.754
lab*nc	0.0	1.0	0.754

relative Inform. Technology (IT)

ohv3*	0.25	0.019	-0.749	
cmv3*	0.75	0.754	0.754	
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.754	0.754	

standard and adapted CIELAB

LAB*LAB	33.84	0.98	-33.78
LAB*LAB	33.84	0.83	-33.23
LAB*LAB	37.51	33.54	271.41

relative CIELAB lab*

lab*lab	0.23	0.019	-0.749
lab*ch	0.375	0.754	0.754
lab*nch	0.0	0.754	0.754

relative Natural Colour (NC)

lab*lj	0.23	0.0	-0.749
lab*lc	0.375	0.754	0.754
lab*nc	0.0	0.754	0.754

$n^* = 0.00$

relative Inform. Technology (IT)

ohv3*	0.25	0.25	0.25	(1.0)
cmv3*	0.75	0.75	0.75	(0.0)
olv3*	1.0	1.0	1.0	(1.0)
cmv3*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	32.87	0.75	0.0
LAB*LAB	32.87	0.0	0.0